From: Eric Blischke
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Cc: Lisa Saban; Chip Humphrey; Joe Goulet; Burt Shephard; Jennifer L Peterson
Subject: Portland Harbor Food Web Model
Date: 10/14/2005 03:05 PM

Jim, Bob and Rick,

During Wednesday's management meeting, we discussed the time-frame for submittal of the food web model report. During our discussion, we agreed that the food web model report should be submitted as planned (November 4, 2005). As part of our review process, EPA would like to be able to run and evaluate the food web model independently. Due to the critical nature of the food web model with respect to the Portland Harbor RI/FS, EPA would like to begin this effort as soon as possible. As a result, EPA requests that the following information be included prior to submission of the food web model report:

1. Identify the version of the Arnot model being utilized and provide the working model code (along with any equations embedded in the model that differ the from the base model) and transparent documentation of model equations and parameters.
2. Calibration procedures.
3. Reaches of the river being modeled (i.e., is the LWG segmenting the river into different reaches or modeling the river as a whole?).
4. Identify all chemicals being modeled and provide the Kows for these chemicals.
5. Sediment TOC values utilized in the model runs.
6. Identification of fish species being modeled.
7. A description of the food web structure (i.e., who eats who, with diet percentages for each prey species).
8. Lipid contents for modeled fish species and prey.
9. Body weights for individual fish species being modeled.

EPA understands that some of the original model runs will be submitted shortly. Submittal of the above information along with the model runs will greatly facilitate our review of the food web model report once received. This information should be submitted as soon as possible, preferably no later than October 21, 2005.

In addition, as discussed during the management meeting, the food web model report itself should include a summary of how the food web model does or does not achieve the model specifications and objectives previously transmitted to LWG. In addition, if calibration procedures are not readily available, these can be submitted with the food web model report.

If you have any questions about this request, please contact Chip or myself.

Thanks, Eric